

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1 (original): A method of preparing non-platinum composite electrocatalyst for a fuel cell cathode, comprising:

- (1) preparing a carbon supporting titanium dioxide;
- (2) compounding the carbon supporting titanium dioxide with a transition metal macrocyclic compound in an organic solvent to produce a carbon supporting titanium dioxide - transition metal macrocyclic compound comprising 0.1-5 g/L of macrocyclic compound; and
- (3) thermal treating the resulting compound in step (2) at 100-1000°C to produce a composite catalyst.

Claim 2 (original): The method as claimed in Claim 1, wherein the organic solvent in step (2) is N,N-dimethylformamide, dimethylsulfoxide, cyclohexane, acetone or anhydrous pyridine.

Claim 3 (original): The method as claimed in Claim 1, wherein the center metal ion of the transition metal macrocyclic compound in step (2) is selected from a group consisting of iron, cobalt, manganese, copper and zinc.

Claim 4 (original): The method as claimed in Claim 1, wherein the transition metal macrocyclic compound is selected from a group consisting of porphyrin, phthalocyanine, Schiff base, annulene and derivatives thereof.

Claim 5 (original): The method as claimed in Claim 1, wherein the product obtained in step (3) contains 40 – 80% by weight of the active carbon, and wherein the mass ratio of the transition metal macrocyclic compound to titanium dioxide is 1-10 : 3-1.

Claim 6 (original): The method as claimed in Claim 1, wherein the inert gas used in step (3) is argon or nitrogen gas.

Claim 7 (original): The method as claimed in Claim 1, wherein the step (1) comprising the following substeps:

- (1) slowly adding tetrabutyl titanate into anhydrous alcohol while vigorously stirring at room temperature to obtain a homogeneous and transparent solution;
- (2) adding nitric acid into a mixture of deionized water and anhydrous alcohol to obtain a solution (B); and
- (3) slowly adding the solution (A) into the solution (B) while vigorously stirring to obtain a homogeneous and transparent sol.

Claim 8 (canceled)